



# **Florida Division of Emergency Management State Watch Office**

## **Morning Situation Report**

Friday, May 10, 2024



# State Emergency Operations Center Activation Level

Level 2 Activation



# SERT On-Call Personnel

Position	Personnel	Phone	Email
<b>Operations Chief</b>	Amy Godsey	(850) 519-8483	<a href="mailto:Amy.Godsey@em.myflorida.com">Amy.Godsey@em.myflorida.com</a>
<b>Watch Officer</b>	Sam Walters	(850) 519-8638	<a href="mailto:Sam.Walters@em.myflorida.com">Sam.Walters@em.myflorida.com</a>
<b>Duty Officer</b>	Ben Mauro	(850) 566-4904	<a href="mailto:Benjamin.Mauro@em.myflorida.com">Benjamin.Mauro@em.myflorida.com</a>
<b>Operations Officer- Day</b>	Scott Shafer	(850) 815-4001	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>
<b>Operations Officer- Swing</b>	Matthew Peloso	(850) 815-4001	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>
<b>Operations Officer- Night</b>	Jim Lawhon	(850) 815-4001	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>
<b>Meteorologist</b>	Melissa James	(850) 566-6422	<a href="mailto:Melissa.James@em.myflorida.com">Melissa.James@em.myflorida.com</a>
<b>Plans Chief</b>	Kaylynn Perry	(850) 254-5657	<a href="mailto:Plans_Command@em.myflorida.com">Plans_Command@em.myflorida.com</a>
<b>Logistics Chief</b>	Christina Goetzman	(850) 519-8581	<a href="mailto:Christina.Goetzman@em.myflorida.com">Christina.Goetzman@em.myflorida.com</a>
<b>Human Services Director</b>	Pam Hughes	(850) 528-5638	<a href="mailto:Pamela.Hughes@em.myflorida.com">Pamela.Hughes@em.myflorida.com</a>
<b>Emergency Services</b>	Rob Dietrich	(850) 727-3414	<a href="mailto:Robert.Dietrich@em.myflorida.com">Robert.Dietrich@em.myflorida.com</a>
<b>Infrastructure Branch Director</b>	Megan Hill	(850) 591-2496	<a href="mailto:Megan.Hill@em.myflorida.com">Megan.Hill@em.myflorida.com</a>
<b>ESF 8 On-Call</b>	Hunter Stafford	(866) 786-4673	<a href="mailto:DLDOHDutyOfficers@flhealth.gov">DLDOHDutyOfficers@flhealth.gov</a>
<b>Public Information Officer</b>	Marnie Villanueva	(850)-591-9544	<a href="mailto:Marnie.Villanueva@em.myflorida.com">Marnie.Villanueva@em.myflorida.com</a>
<b>DEM Finance and Admin</b>	Jeremy Smith	(561) 662-8028	<a href="mailto:Jeremy.Smith@em.myflorida.com">Jeremy.Smith@em.myflorida.com</a>



# Response Regional Coordination Team

Team	County Location	Visits
Region 1: Jim Roberts	Gadsden	Severe Weather Monitoring/Response
Region 2: Willie Bouie	Leon	Severe Weather Monitoring/Response
Region 3: Glen Hammers	Taylor	Severe Weather Monitoring/Response
Region 4: James Carter	Out of State (OK)	EMAC Deployment / Not Available
Region 5: Austin Beeghly	Seminole	Executive Director Support / NHC Expo
Region 6: Paul Siddall	Citrus, Pinellas	Director Visit / Medical Facility Meeting
Region 7: Cristian Rivera	Hardee	SpNs Shelter Walk-through
Region 8: Karen Kozac	Out of State (OK)	Travel EMAC Deployment / Not Available
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Miami-Dade	Office Admin



Region 4 Coverage Provided by RRC 4  
 Region 8 Coverage Provided by RRC 5  
 Region 9 Coverage Provided by RRC 9

RC Status
Normal Operations
Out of Service / Unavailable



# Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Allison Blevins	In Region	Off & Monitoring
Region 2: Justin Lazzara	Out of Region	Leave
Region 3: Patrick James	In Region	Off & Monitoring
Region 4: Joshua Saunders	Putnam	G-361 Training
Region 5: Elizabeth Caison	Seminole	NWS Hurricane Awareness Tour
RRCT Manager	Hernando	EM Partners Meeting
Region 6: Jeremy O'Dell		
Region 7: Vacant	N/A	N/A
Region 8: Ja-Pheth Butler-Miller	Indian River	Administrative Duties
Region 9: Kathryn Thompson	Lee	External Stakeholders Meeting
Region 10: Dana McGeehan	Broward	Administrative Duties

Region 2 Coverage Provided by RRC 1

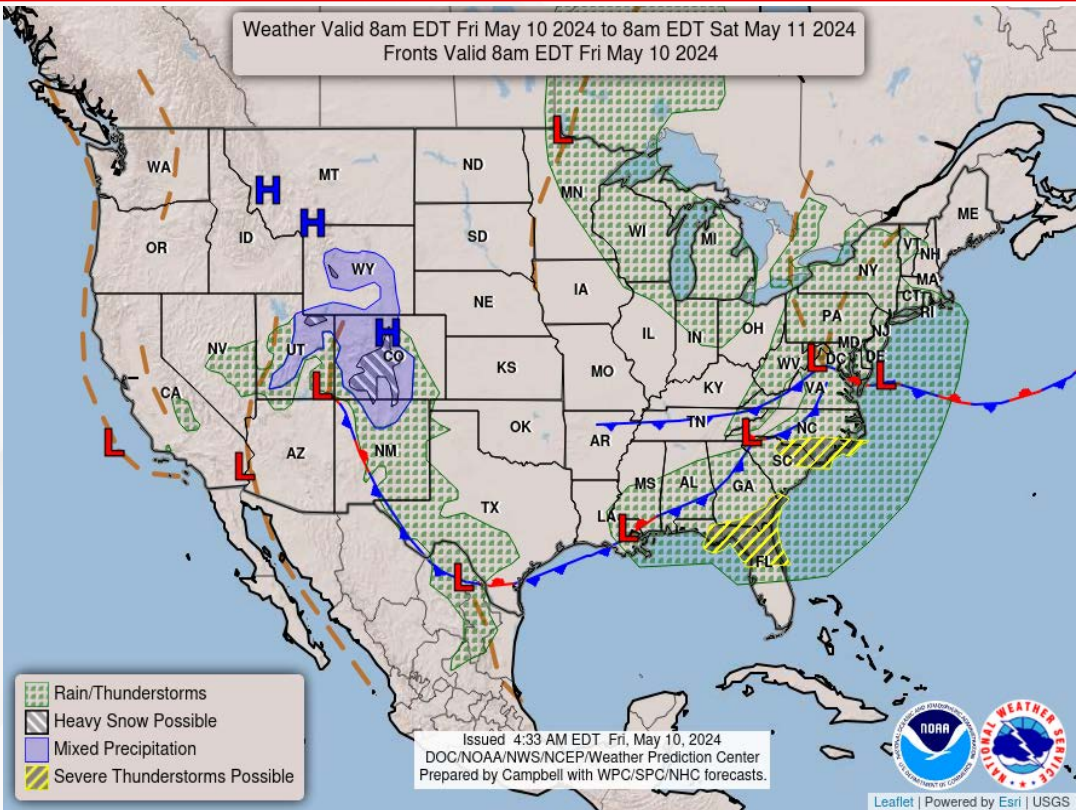
Region 7 Coverage Provided by RRC 6

RRC Status
Normal Operations
In Region / Delayed Response
Deployed / Delayed Response
Out of Service / Unavailable



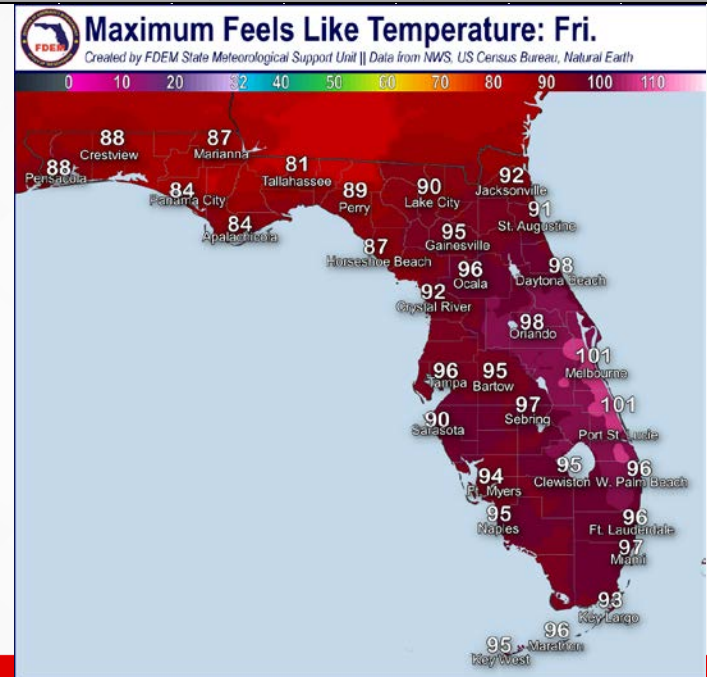
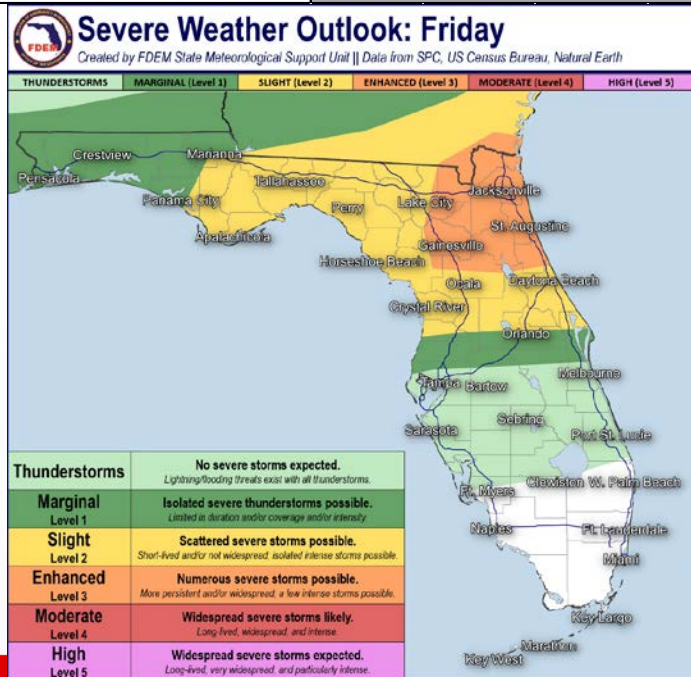


# Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	L	M	H	H	M	M	L			
Tornado	L	L	L	L	L	L	L			
Damaging Wind	L	M	M	M	M	M	L			
Hail	L	L	M	M	L	L				
Excessive Heat					L	L	L	L		L
Fog (Overnight)										
Wildfire				L	H	M	H	H	M	M
River Flooding										
Rip Currents	H	H	L	M	M	M		M	L	L
Lake Okeechobee Elevation:	13.90 ft. (0.49 ft. Above Normal)									
Keetch-Byram Drought Index:	397 (+14) on a scale from 0 (very moist) to 800 (very dry)									





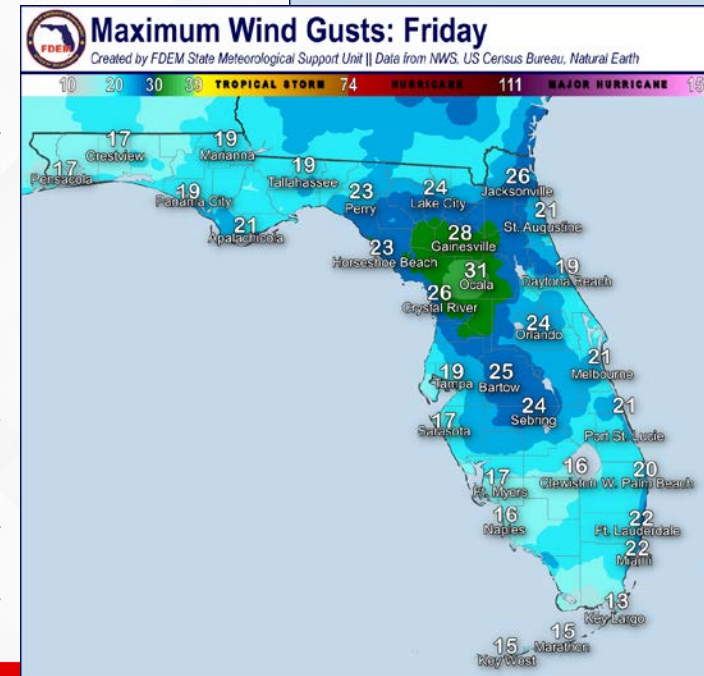
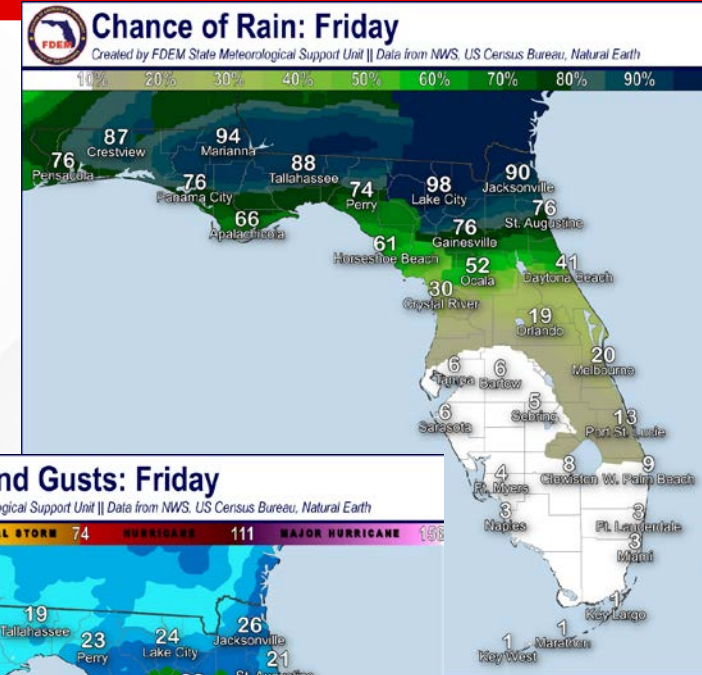
# Meteorology Summary

## Statewide Overview, Next 24 Hours:

A line of strong to severe thunderstorms is tracking eastward along the I-10 corridor through the Big Bend this morning ahead of a frontal boundary associated with a low-pressure system. These strong to severe thunderstorms will continue to track eastward through the Suwannee Valley and Northern Peninsula this morning and through the afternoon (60-near 100% chance of rain). Some redevelopment and of showers and thunderstorms is occurring along the frontal boundary in the Panhandle, and these showers and thunderstorms will continue to develop and move eastward with the front into the Big Bend and Northern Peninsula later this morning and this afternoon. The Storm Prediction Center (SPC) is outlooking a **Enhanced Risk (level 3 of 5) for Severe Weather** along the Northern Peninsula with a **Slight Risk (level 2 of 5)** extending through the Big Bend and south to Crystal River and Daytona Beach. **Severe Thunderstorm Watches #229 and #230** are in effect across much of North Florida as damaging wind gusts (in excess 55-70 mph), a few brief tornadoes, isolated large hail (up to 1.5" diameter), and heavy downpours will continue to be possible. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across much of North Florida as heavy downpours could give way to **localized flooding and ponding of water** over urban and low-lying/poor drainage areas, especially within training activity. Isolated to scattered showers and thunderstorms will be possible elsewhere through the state later today as the frontal boundary makes its way through the Peninsula (5-40% chance of rain).

Increased cloud cover and widespread rainfall will keep temperatures across North Florida closer to normal today with middle 80s along the Florida Panhandle and upper 80s to **low 90s** across the Northern Peninsula. The rest of the state will continue to see near to above-normal temperatures under sunnier skies with upper 80s to **upper 90s** across South and Central Florida. **Heat indices** will continue to **approach or reach triple digits (97-101)** across eastern and interior portions of Central and South Florida and along the Keys. Breezy winds can be expected at times across North and Central Florida and along the East Coastline outside of thunderstorms with **gusts upwards of 20-30 mph**. **Red Flag Warnings** have been issued for several counties Northeast of Lake Okeechobee for this afternoon as **near to below critical relative humidity values (30-40%)** and breezy winds create **critical fire weather conditions** along eastern and interior portions of the Central and Southern Peninsula thanks to lingering dry air, warm conditions, and breezy winds developing, especially where short-term drought conditions have emerged.

Scattered showers and thunderstorms will persist along and north of the I-10 corridor this evening, shifting southward through the Peninsula and gradually dissipating through the overnight hours as the frontal boundary settles over South Florida (30-60% chance of rain). Cooler temperatures can also be expected across North Florida overnight with lows in the 60s. The rest of the state will continue to see warm temperatures in the middle 70s to low 80s overnight.







# Coastal Hazards & Hydrology

**Rip Currents:** A **moderate to high risk for rip currents** persists along the Panhandle and East Coast today. An **elevated risk** can be expected along West-Central Florida beaches with a low risk persisting elsewhere. For the latest Rip Current Outlook, visit [www.weather.gov/beach](http://www.weather.gov/beach).

**Marine Hazards:** Wave heights of 1-3' can be expected along Florida Key and West Coast beaches today. **3-4' waves** are anticipated along the Florida Panhandle and East Coast as breezy winds persist. **Hazardous beach and boating conditions** are anticipated along the Florida Panhandle and into North and Central Florida.

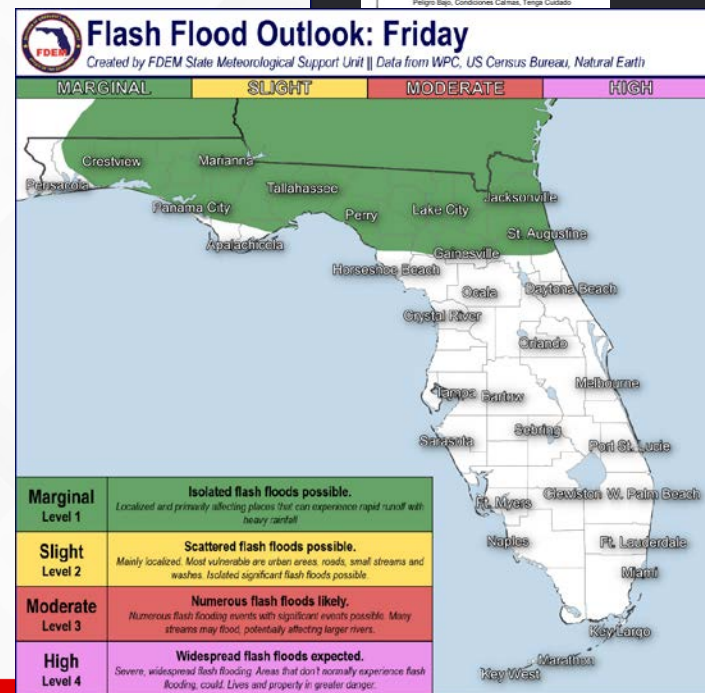
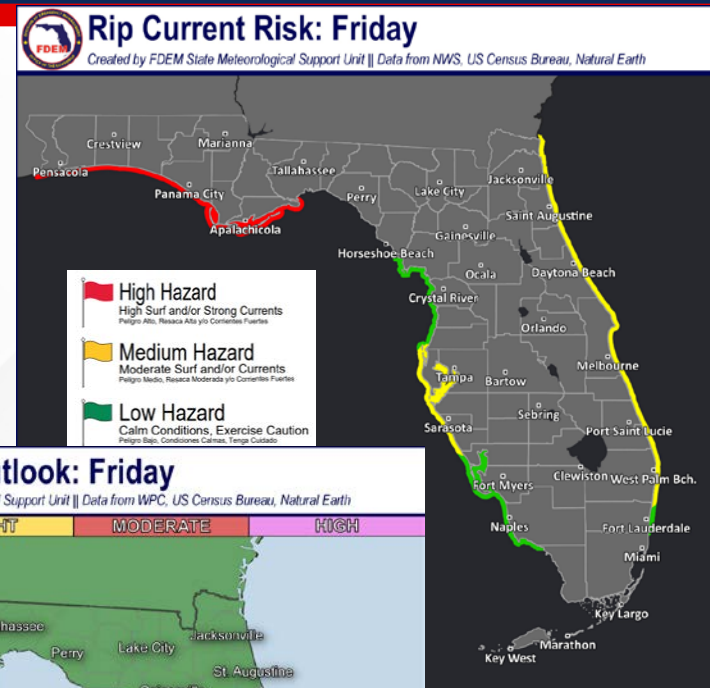
**Red Tide** has not been observed at or above background levels over the past week.

**Coastal Flooding:** Coastal flooding is not anticipated today; however, breezy onshore winds along the vulnerable Forgotten and Nature Coasts and will likely result in **elevated water levels (0.5-1.75' above normal)** at times of high tides. Isolated instances of **minor coastal flooding** and **erosion** cannot be ruled out.

**Flash Flooding:** The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across much of North Florida today. A line of strong to severe thunderstorms will continue to make its way through North Florida this afternoon and evening ahead of a frontal boundary. Another round of strong to severe thunderstorms are rebuilding over the Panhandle along the frontal boundary this morning and will move eastward through North Florida this afternoon as well. With abundant moisture across the Florida Panhandle, heavy downpours will be possible. Localized instances of **flooding** and **ponding of water** will be possible over urban and low-lying/poor drainage areas. Widespread rainfall totals are expected to remain near 1-2" with **locally higher totals** in excess of 2-4" possible.

**Riverine Flooding:** Portions of several Big Bend and Suwannee Valley rivers (including several portions of the Suwannee River) remain in Action Stage (bank-full); however, water levels are continuing to fall. While heavy rainfall yesterday and today may lead to local rises in water levels, riverine flooding is not anticipated. There are no additional riverine concerns at this time. For more details, please visit the [River Forecast Center](#).

**Lake Okechobee's** average elevation is 13.90 feet, which is within the operational band and 0.49 feet **above** normal for this time of year.







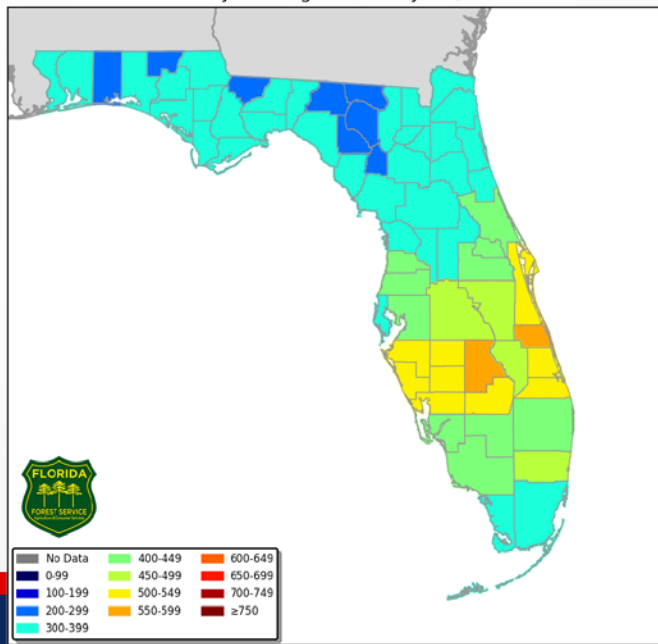
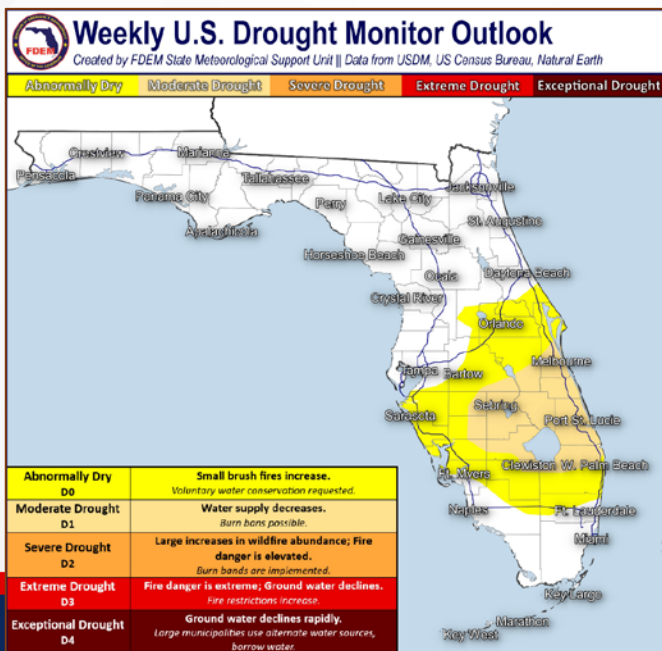
# Drought & Fire Weather

**Fire Weather:** Warm and dry conditions will persist along Central and South Florida despite increased cloud cover and rainfall over portions of the state. A line of strong to severe thunderstorms will continue to track eastward through the Big Bend this morning and into the Northern Peninsula later this morning and into the afternoon. Some redevelopment and of showers and thunderstorms will be possible along frontal boundary in the Panhandle during the mid-to-late morning hours, moving eastward with the front into the Big Bend and Northern Peninsula later this morning and this afternoon. *Lightning and gusty winds from thunderstorms may result in the ignition or further spreading of wildfires.* **Red Flag Warnings** have been issued for several counties Northeast of Lake Okeechobee for this afternoon as **near to below critical relative humidity values (30-40%)** and breezy winds create **critical fire weather conditions** along eastern and interior portions of the Central and Southern Peninsula thanks to lingering dry air, warm conditions, and breezy winds developing, especially where short-term drought conditions have emerged. **Wind gusts upwards 20-30 mph** will be possible across North and Central Florida outside of thunderstorms today with **15-20 mph gusts** elsewhere. According to the [Florida Forest Service](#), there are 58 active wildfires across the state burning approximately 1507 acres.

**Drought:** Dry conditions and above normal temperatures have generally persisted statewide over the last week under the influence of high pressure, leading to further decreases in streamflows and soil moisture. **Abnormally dry (emerging drought)** conditions have expanded further northward and southward across Central and Southern portions of the Peninsula on this week's drought monitor update and now stretch from just north of the I-4 southward to the I-75 and from the West to the East Coast. **Moderate Drought** conditions have also expanded and are now present north of Lake Okeechobee to Sebring and Melbourne, east of the lake to the East Coast, West of the lake to Hardee and DeSoto County, and along southern portions of the lake as short-term rainfall deficits continue to increase. Widespread rainfall expected across the state over the next 5 days may help to improve short-term rainfall deficits and provide some relief from drought conditions.

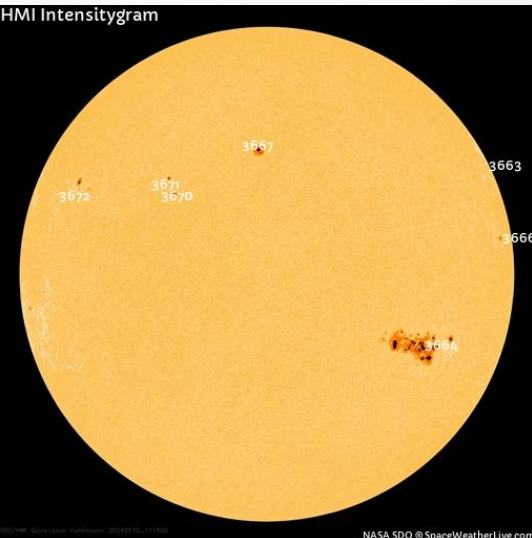
**The Keetch-Byram Drought Index** average for Florida is **397 (+14)** on a scale from 0 (very wet) to 800 (very dry). There are **eleven** Florida counties (Brevard, Charlotte, DeSoto, Glades, Hardee, Highlands, Indian River, Manatee, Martin, Sarasota and St. Lucie) with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)  
County Averages for May 09, 2024

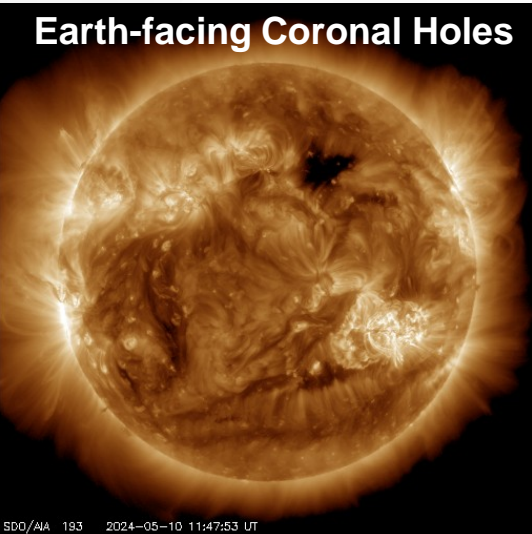
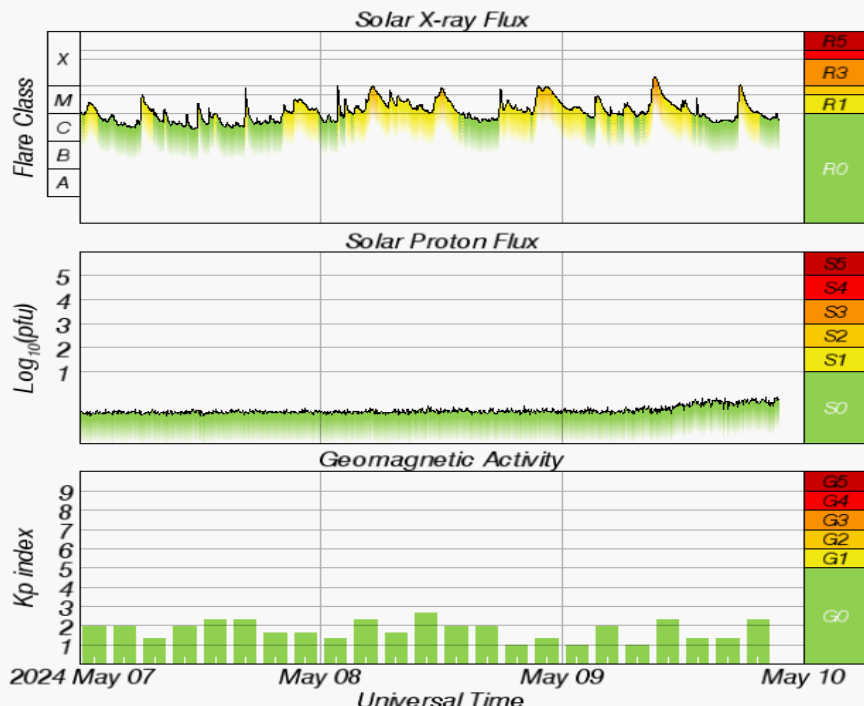




# Space Weather



Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 95%	Geomagnetic Storm: <b>G4 Watch (5/11)</b>	X3 Solar Flare
X-class: 60%	Radiation Storm: None	R3 Radio Blackout

48-Hour Geomagnetic Forecast	
5/10	5/11
Max Kp= 5 (G1)	Max Kp= 8 (G4)
Chance of minor activity = 30% severe activity = 10%	Chance of minor activity = 35% severe activity = 50%

**Space Weather:** Solar activity is expected to persist at high to very high levels today and into the weekend with strong (M-class) solar flares and significant (X-class) solar flares expected due to the continued flare potential of sunspots #3664. This sunspot contains a magnetic field that harbors energy for X-class solar flares. Minor to moderate (R1-R2) radio blackouts can be expected with any M-class solar flare with strong (R3) radio blackouts accompanying X-class solar flares. The flare potential and location of #3664 also will give way to minor (S1) solar radiation storms over the next day or so. A weakly enhanced solar wind environment associated with Coronal Mass Ejection (CME) activity is expected today. Stronger disturbances are expected Saturday and into Sunday due to the anticipated arrival of a series of halo CMEs associated with the activity from sunspot #3664 over 5/8-10. Periods of active geomagnetic conditions and minor (G1) geomagnetic storming are likely today with the possible arrival of a series of CMEs (from 5/8-10). The bulk of the incoming CMEs are expected to arrive early Saturday, sparking periods of minor to moderate (G1-G2) geomagnetic storming. A **Severe (G4) Geomagnetic Storm Watch** has been issued for Saturday as periods of strong to severe (G3-G4) geomagnetic storms are likely. Periods of G1-G2 storms will likely persist into Sunday due to an enhanced solar wind environment following the passage of the CMEs. The overall space threat to Florida is low today but may reach moderate levels Saturday and isolated short-term effects on technology and infrastructure cannot be ruled out.



# SWO Communications Systems & Contact Information

Equipment	Contact	Status	Comments
<b>Phone:</b>	800-320-0519, 850-815-4001, 850-591-0071 (Backup Cell)	Operational	
<b>Backup Landline:</b>	850-487-3234, 850-487-3228	Operational	
<b>Fax:</b>	850-815-4979	Operational	
<b>Email:</b>	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>	Operational	
<b>SWO Tracker:</b>	<a href="https://apps.floridadisaster.org/SWO/">https://apps.floridadisaster.org/SWO/</a>	Operational	
<b>SLERS:</b>	DEM Statewide	Operational	
<b>FNARS:</b>	WGY974	Operational	
<b>Federal NAWAS:</b>	State Watch Office	Operational	
<b>EMnet Message:</b>	FL.000- State Watch Office	Operational	
<b>EMnet Voice:</b>	FL SWP- State Watch Office	Operational	
<b>IPAWS:</b>	LP.1 Stations via Emnet	Operational	
<b>FIN:</b>	SOFEOC	Operational	
<b>Satellite Phones:</b>	888-890-5178 or 480-263-8838	Operational	
<b>Website:</b>	<a href="http://www.floridadisaster.org">http://www.floridadisaster.org</a>	Operational	

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